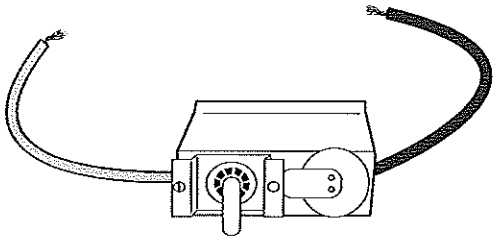
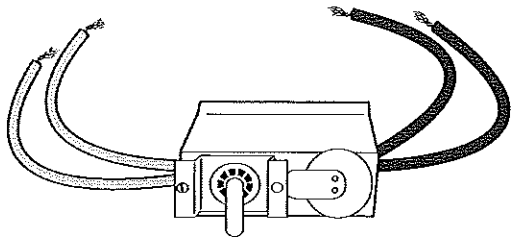
Thermostat Installation Instructions

For Cadet C, CS, CST & CT Series Heaters



Single Pole Thermostat



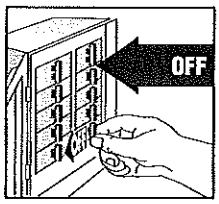
Double Pole Thermostat

TOOLS REQUIRED: Phillips Screwdriver, Insulated Wire Connectors (Wire Nuts®)

GENERAL SAFETY INFORMATION

If you are uncomfortable working with electrical appliances, unable to follow these guidelines, or do not have the necessary equipment, consult a licensed electrician.

INSTALLATION INSTRUCTIONS



⚠WARNING

Turn the electrical power off at the electrical panel board (circuit breaker or fuse box) and lock or tag the panel board door to prevent someone from turning on power while you are working on the heater. Failure to do so could result in serious electrical shock, burns, or possible death.

1. If heater is installed, remove grill and heatbox.

2. Fasten thermostat to lower left corner of heat box cover behind bottom flange. Use two no. 6 - 32 x 1/4 inch screws. Exact location will have to be determined when the grill is installed. The longer part of the thermostat body must point to the right. Shaft should come through the large center hole. This is required to fit the heater into the wall can.

3. (A) For double pole thermostats*
   Connect one black lead of the thermostat to one lead from the heater. Connect the other black lead to the other lead from the heater. Connect one red lead from the thermostat to one of the supply lines. Connect the other red lead to the other supply line. Use approved insulated wire connectors.

   (B) For single pole thermostats**
   Connect black lead from the thermostat to one lead from the heater. Connect the red thermostat lead to one supply line. Connect the other lead from the heater to the other supply line. Use approved insulated wire connectors.

4. After installation (or reinstallation) of the heater and the grill, check thermostat shaft alignment with the center of the grill hole. Adjust position of the thermostat on the heat box cover if necessary. Push knob on shaft securely - check alignment.

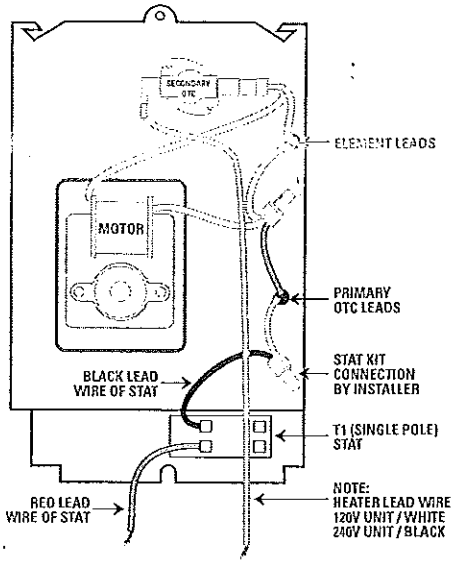
* Double pole thermostat is not necessary on 120 volt service.
** Single pole thermostats may be used with 120 volts or 240 volts.

SAVE THESE INSTRUCTIONS

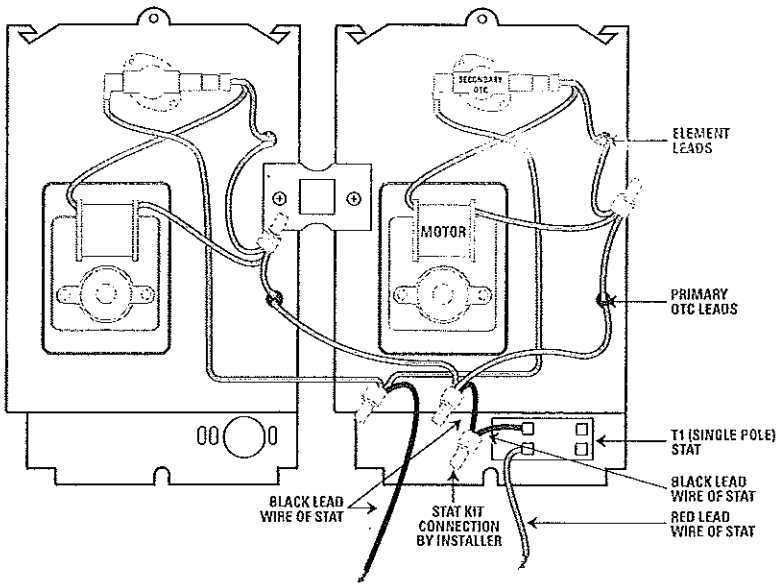
www.cadetco.com Tel: 360-693-2505 P.O. Box 1675 Vancouver, WA 98668-1675

Wiring Diagrams Single Pole T1 - C & CT

T1 Stat (Single Pole) in C Heater

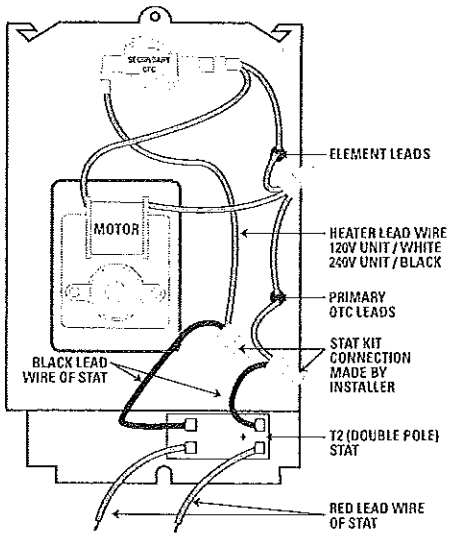

SECONDARY OTC
ELEMENT LEADS
MOTOR
PRIMARY OTC LEADS
STAT KIT CONNECTION BY INSTALLER
BLACK LEAD WIRE OF STAT
T1 (SINGLE POLE) STAT
NOTE: HEATER LEAD WIRE 120V UNIT / WHITE 240V UNIT / BLACK
RED LEAD WIRE OF STAT

T1 Stat (Single Pole) in CT Heater

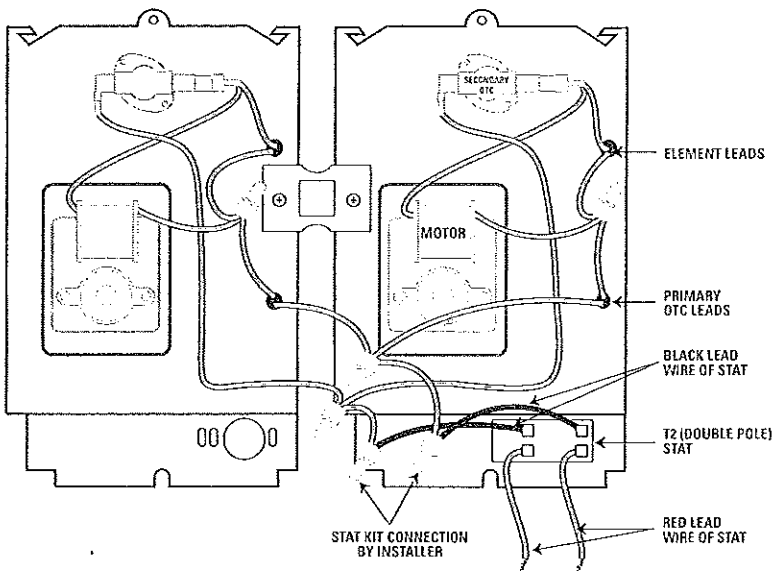


Wiring Diagrams Double Pole T2 - C & CT

T2 Stat (Double Pole) in C Heater

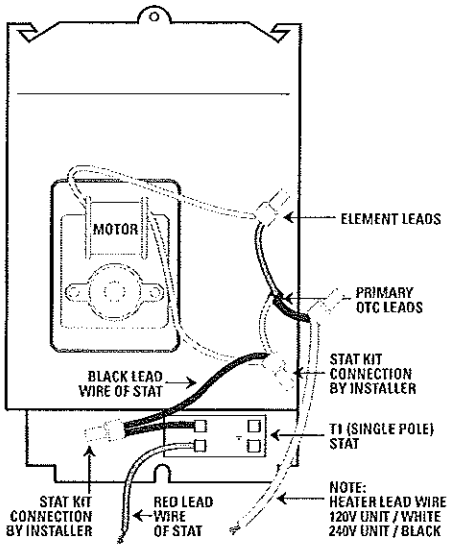

SECONDARY OTC
ELEMENT LEADS
MOTOR
HEATER LEAD WIRE 120V UNIT / WHITE 240V UNIT / BLACK
PRIMARY OTC LEADS
STAT KIT CONNECTION MADE BY INSTALLER
BLACK LEAD WIRE OF STAT
T2 (DOUBLE POLE) STAT
RED LEAD WIRE OF STAT

T2 Stat (Double Pole) in CT Heater

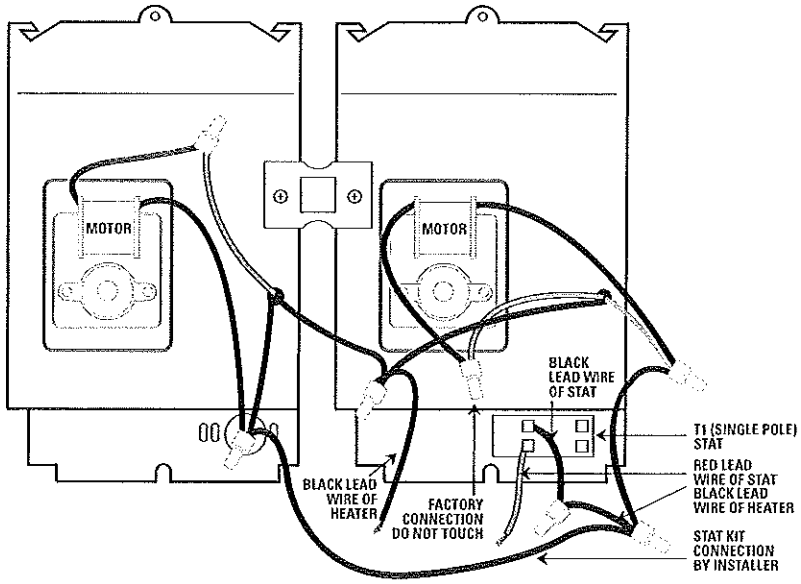


Wiring Diagrams Single Pole T1 - CS & CST

T1 Stat (Single Pole) in CS Heater

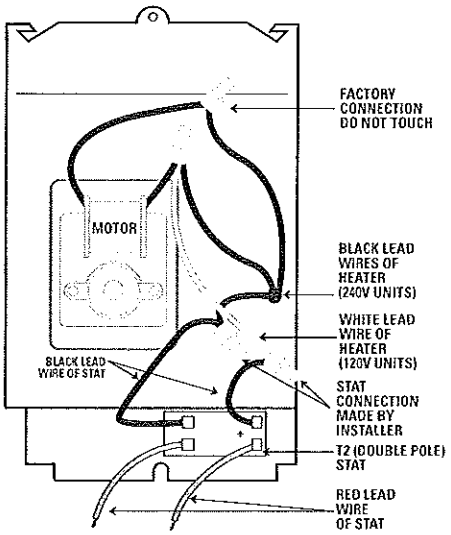

MOTOR
ELEMENT LEADS
PRIMARY OTC LEADS
BLACK LEAD WIRE OF STAT
STAT KIT CONNECTION BY INSTALLER
T1 (SINGLE POLE) STAT
STAT KIT CONNECTION BY INSTALLER
RED LEAD WIRE OF STAT
NOTE: HEATER LEAD WIRE 120V UNIT / WHITE 240V UNIT / BLACK

T1 Stat (Single Pole) in CST Heater

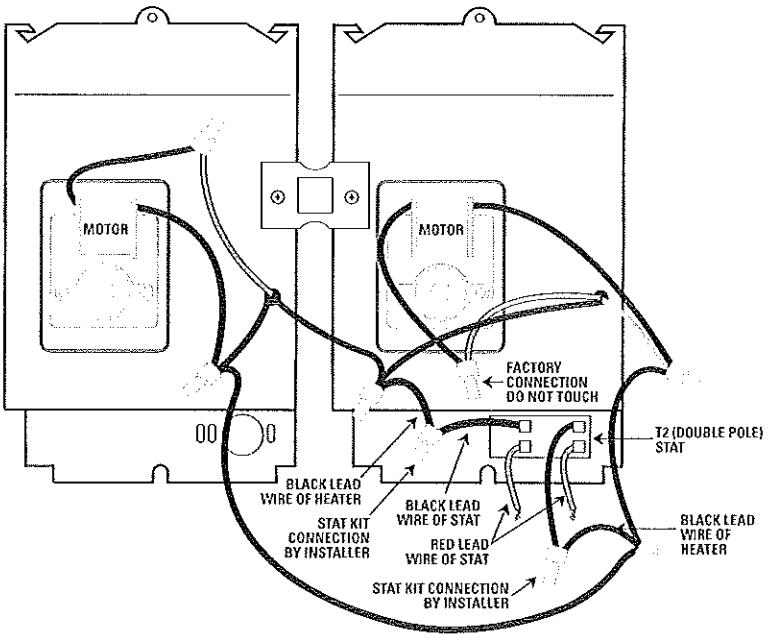

MOTOR
MOTOR
BLACK LEAD WIRE OF STAT
T1 (SINGLE POLE) STAT
RED LEAD WIRE OF STAT
BLACK LEAD WIRE OF HEATER
BLACK LEAD WIRE OF HEATER
FACTORY CONNECTION DO NOT TOUCH
STAT KIT CONNECTION BY INSTALLER

Wiring Diagrams Double Pole T2 - CS & CST

T2 Stat (Double Pole) in CS Heater


FACTORY CONNECTION DO NOT TOUCH
MOTOR
BLACK LEAD WIRES OF HEATER (240V UNITS)
WHITE LEAD WIRE OF HEATER (120V UNITS)
BLACK LEAD WIRE OF STAT
STAT CONNECTION MADE BY INSTALLER
T2 (DOUBLE POLE) STAT
RED LEAD WIRE OF STAT

T2 Stat (Double Pole) in CST Heater


MOTOR
MOTOR
FACTORY CONNECTION DO NOT TOUCH
T2 (DOUBLE POLE) STAT
BLACK LEAD WIRE OF HEATER
STAT KIT CONNECTION BY INSTALLER
BLACK LEAD WIRE OF STAT
RED LEAD WIRE OF STAT
BLACK LEAD WIRE OF HEATER
STAT KIT CONNECTION BY INSTALLER

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Printed in U.S.A. Rev. 03/10 #720010